Author Index

A

Abatangelo G. 1996;4:309 (Editorial)
Abiko M, Rodgers KE, Campeau JD, Nakamura RM, Dizerega GS. Alterations of angiotensin II receptor levels in full-thickness excisional wounds in rat skin. 1996;4:363-7
Abribat T (*see* Fournier et al). 1996;4:252-8
Adachi E (*see* Nakamura et al). 1996;4:87-92 (Symposium)
Ågren MS, Haisa M, Grotendorst GR. Differential expression of platelet-derived growth factor receptors in porcine fibroblasts cultured from skin and granulation tissue. 1996;4:288-96
Alaish SM, Olutoye OO, Yager DR, Liang H-X, Cohen IK, Diegelmann RF. Transforming growth factor-β1 reduces expansion of open wounds in the fetal rabbit. 1996;4:477-81
Arnold F, Cherry G, Cox D, Hutchinson G, Weston-Davies W. Wound pharmacology: a report from the wound pharmacology forum. 1996;4:121-5 (Discussion article)

B

Baker LL, Rubayi S, Villar F, Demuth SK. Effect of electrical stimulation waveform on healing of ulcers in human being with spinal cord injury. 1996;4:21-8
Berlin JA (*see* Margolis et al). 1996;4:335-8
Berthod F (*see* Sahuc et al). 1996;4:93-102 (Symposium)
Blewett C (*see* Ehrlich et al). 1996;4:482-8
Brazeau P (*see* Fournier et al). 1996;4:252-8
Brucker MJ, Gruskin E, Farrell CL, Siddiqui A, Mustoe TA. Differential expression of platelet-derived growth factor receptor-β in an aging model of wound repair. 1996;4:219-23
Bruckner BA (*see* Macauley et al). 1996;4:269-77
Bulgrin JP (*see* Shabani et al). 1996;4:353-62

C

Campeau JD (*see* Abiko et al). 1996;4:363-7
Carter BJ, Halper J. Transforming growth factor type e is a novel mediator of wound repair. 1996;4:259-68
Castro O (*see* Francillon et al). 1996;4:240-3
Chang TH (*see* Levenson et al). 1996;4:461-9
——(*see* Liu et al). 1996;4:470-6
Charous SJ, Ossoff RH, Reinisch L, Davidson JM. Canine subglottic stenosis as a model for excessive fibrosis: a pilot histologic and immunohistochemical analysis. 1996;4:444-53
Cherry G (*see* Arnold et al). 1996;4:121-5 (Discussion article)
Cochrane CA, Freeman KL, Knottenbelt DC. Effect of growth factors on the characteristics of cells associated with equine wound healing and sarcoid formation. 1996;4:58-65
Cohen IK (*see* Alaish et al). 1996;4:477-81
——(*see* Diegelmann et al). 1996;4:48-52
——(*see* Olutoye and Cohen). 1996;4:66-74 (Symposium)
Collombel C (*see* Sahuc et al). 1996;4:93-102 (Symposium)
Colt J (*see* Yannas et al). 1996;4:29-39
Conlin Shaw MM. Pressure ulcers in older persons: a preventive approach. 1996;4:316-20 (Perspective)
Connors D (*see* Siddiqui et al). 1996;4:211-8
Cox D (*see* Arnold et al). 1996;4:121-5 (Discussion article)
Crombleholme TM (*see* Moriarty et al). 1996;4:346-52
Cuevas P (*see* Fu et al). 1996;4:297-303
——(*see* Fu et al). 1996;4:381-5
Cunneen MF (*see* Skrabut et al). 1996;4:433-43
Curtis B (*see* Kirkpatrick et al). 1996;4:326-34 (Historical article)
Cutroneo KR (*see* Ehrlich et al). 1996;4:482-8

D

Damour O (*see* Sahuc et al). 1996;4:93-102 (Symposium)
Davidson JM (*see* Charous et al). 1996;4:444-53
Demuth SK (*see* Baker et al). 1996;4:21-8
Desmoulière A (*see* Garbin et al). 1996;4:244-51
Desvigne LD (*see* Smith et al). 1996;4:224-9
Diegelmann RF, Dunn JD, Lindblad WJ, Cohen IK. Analysis of the effects of chitosan on inflammation, angiogenesis, fibroplasia, and collagen deposition in polyvinyl alcohol sponge implants in rat wounds. 1996;4:48-52
——(*see* Alaish et al). 1996;4:477-81
——(*see* Houghton et al). 1996;4:489-95
Dixon KP, Murphy RW, Southerland SS, Young HE, Lucas PA. Recombinant human bone morphogenetic proteins-2 and -4 induce several mesenchymal phenotypes in culture. 1996;4:374-80
Dizerega GS (*see* Abiko et al). 1996;4:363-7
Dolynchuk KN. Inhibition of tissue transglutaminase and ε (γ-glutamyl) lysine cross-linking in human hypertrophic scar. 1996;4:16-20
Dooley JW (*see* Smith et al). 1996;4:224-9
Dunn JD (*see* Diegelmann et al). 1996;4:48-52

E

Edington HD (*see* Steed et al). 1996;4:230-3
Edmunds T (*see* Skrabut et al). 1996;4:433-43

January-March, pp. 1-186; April-June, pp. 187-308; July-September, pp. 309-408; October-December, pp. 409-516.

Ehrlich HP, Blewett C, Krummel TM, Cutroneo KR. Inhibition of wound closure by transforming growth factor-β and dexamethasone in a fetal mouse limb organ culture model. 1996;4:482-8
——, Krummel TM. Regulation of wound healing from a connective tissue perspective. 1996;4:203-10 (Perspective)

F

Farrell CL (*see* Brucker et al). 1996;4:219-23
Flowers FP (*see* Jacobson and Flowers). 1996;4:311-5 (Perspective)
Fournier K, Tavera C, Brazeau P, Abribat T. Local induction of an insulin-like growth factor binding protein-3 degrading protease activity in the course of wound healing. 1996;4:252-8
Francillon YJ, Jilly PN, Varricchio F, Castro O. Histochemical analysis of growth factor, fibronectin, and iron content of sickle cell leg ulcers. 1996;4:240-3
Franzén LE, Ghassemifar MR, Salerud G, Tarpila E. Actin fiber orientation in connective tissue contraction: a quantitative study with the perforated rat mesentery model. 1996;4:454-60
Freeman KL (*see* Cochrane et al). 1996;4:58-65
Freundlich L (*see* Levenson et al). 1996;4:461-9
Fu X, Cuevas P, Gimenez-Gallego G, Martinez-Murillo R, Tian H, Sheng Z. Ischemia and reperfusion reduce the endogenous basic fibroblast growth factor in rat skeletal muscles: an immunohistochemical study. 1996;4:381-5
——, ——, ——, Tian H, Sheng Z. Acidic fibroblast growth factor reduces renal morphologic and functional indicators of injury caused by ischemia and reperfusion. 1996;4:297-303
Funahashi M (*see* Sato et al). 1996;4:103-14 (Symposium)

G

Gabbiani G (*see* Garbin et al). 1996;4:244-51
——(*see* Serini and Gabbiani). 1996;4:278-87
Galiano RD (*see* Siddiqui et al). 1996;4:211-8
Gallivan EK (*see* Moriarty et al). 1996;4:346-52
Garbin S, Pittet B, Montandon D, Gabbiani G, Desmoulière A. Covering by a flap induces apoptosis of granulation tissue myofibroblasts and vascular cells. 1996;4:244-51
Ghassemifar MR (*see* Franzén et al). 1996;4:454-60
Gimenez-Gallego G (*see* Fu et al). 1996;4:297-303
——(*see* Fu et al). 1996;4:381-5
Gross J. Getting to mammalian wound repair and amphibian limb regeneration: a mechanistic link in the early events. 1996;4:190-202 (Award recipient address)
Grotendorst GR (*see* Ågren et al). 1996;4:288-96
Gruber C (*see* Levenson et al). 1996;4:461-9
Gruskin E (*see* Brucker et al). 1996;4:219-23
——(*see* Siddiqui et al). 1996;4:211-8
Gunji H (*see* Inoue et al). 1996;4:426-32

H

Haisa M (*see* Ågren et al). 1996;4:288-96
Halper J (*see* Carter and Halper). 1996;4:259-68
Hamamura N (*see* Takeno et al). 1996;4:115-20 (Symposium)
Hamon G (*see* Papadakis et al). 1996;4:421-5
Hansen GL, Sparrow EM, Kommamuri N, Iaizzo PA. Assessing wound severity with color and infrared imaging of reactive hyperemia. 1996;4:386-92
Hebda PA (*see* Skrabut et al). 1996;4:433-43
Hirakawa K (*see* Takeno et al). 1996;4:115-20 (Symposium)
Hirota S (*see* Nakase et al). 1996;4:82-6 (Symposium)
Hopf HW (*see* Sheffield et al). 1996;4:339-45
Horibe S (*see* Nakamura et al). 1996;4:87-92 (Symposium)
Houghton PE, Keefer KA, Diegelmann RF, Krummel TM. A simple method to assess the relative amount of collagen deposition in wounded fetal mouse limbs. 1996;4:489-95
Hunt TK (*see* Papadakis et al). 1996;4:421-5
——(*see* Sheffield et al). 1996;4:339-45
Hutchinson G (*see* Arnold et al). 1996;4:121-5 (Discussion article)

I

Iaizzo PA (*see* Hansen et al). 1996;4:386-92
Imegwu O (*see* Liu et al). 1996;4:470-6
Inoue M, Zhou L-J, Gunji H, Ono I, Kaneko F. Effects of cytokines in burn blister fluids on fibroblast proliferation and their inhibition with the use of neutralizing antibodies. 1996;4:426-32

J

Jacobson RG, Flowers FP. Skin changes with aging and disease. 1996;4:311-5 (Perspective)
Jilly PN (*see* Francillon et al). 1996;4:240-3
Jørgensen PH, Oxlund H. Growth hormone increases the biomechanical strength and collagen deposition rate during the early phase of skin wound healing. 1996;4:40-7

K

Kaneko F (*see* Inoue et al). 1996;4:426-32
Kan-Gruber D (*see* Levenson et al). 1996;4:461-9
Keefer KA (*see* Houghton et al). 1996;4:489-95
Kirkpatrick JJR, Curtis B, Naylor IL. Back to the future for wound care? The influences of Padua on wound management in Renaissance Europe. 1996;4:326-34 (Historical article)
Knottenbelt DC (*see* Cochrane et al). 1996;4:58-65
Kommamuri N (*see* Hansen et al). 1996;4:386-92
Krause TJ, Zazanis GA, McKinnon RD. Prevention of postoperative adhesions with the chitin derivative N-O-carboxymethylchitosan. 1996;4:53-7
Krawetz SA (*see* Macauley et al). 1996;4:269-77

Krummel TM (*see* Ehrlich and Krummel). 1996;4:203-10 (Perspective)
——(*see* Ehrlich et al). 1996;4:482-8
——(*see* Houghton et al). 1996;4:489-95

L

Langton SR (*see* Trengove et al). 1996;4:234-9
Levenson SM, Chang TH, Kan-Gruber D, Gruber C, Steinberg JJ, Liu X, Watford A, Freundlich L, Rojkind M. Wound healig I: accelerating effects of nonviable *Staphylococcus aureus*, its cell wall, and cell wall peptidoglycan. 1996;4:461-9
——(*see* Liu et al). 1996;4:470-6
Liang H-X (*see* Alaish et al). 1996;4:477-81
Lindblad WJ. 1996;4:189 (Editorial)
——. How confidential is your review? 1996;4:409-10 (Editorial)
——. Introduction. 1996;4:310
——(*see* Diegelmann et al). 1996;4:48-52
Liu X, Levenson SM, Chang TH, Steinberg JJ, Imegwu O, Rojkind M. Molecular mechanisms underlying wound healing acceleration by *Staphylococcus aureus* peptidoglycan. 1996;4:470-6
——(*see* Levenson et al). 1996;4:461-9
Lucas PA (*see* Dixon et al). 1996;4:374-80
Lyle WG, Simmons DJ, Phillips LG, Robson MC. Negatively charged beads and transforming growth factor-β1 stimulate bone repair in rabbits. 1996;4:368-73

M

Macauley SP, Schultz GS, Bruckner BA, Krawetz SA, Yang TP. Effects of transforming growth factor-β1 on extracellular matrix gene expression by human fibroblasts from a laryngeal stenotic lesion. 1996;4:269-77
Maeda A (*see* Nakamura et al). 1996;4:87-92 (Symposium)
Margolis DJ, Berlin JA, Strom BL. Interobserver agreement, sensitivity, and specificity of a "healed" chronic wound. 1996;4:335-8
Martinez-Murillo R (*see* Fu et al). 1996;4:381-5
Mast BA, Schultz GS. Interactions of cytokines, growth factors and proteases in acute and chronic wounds. 1996;4:411-20
Matsumoto N (*see* Nakamura et al). 1996;4:87-92 (Symposium)
McKinnon RD (*see* Krause et al). 1996;4:53-7
McPherson JM (*see* Skrabut et al). 1996;4:433-43
Moayeri A (*see* Sheffield et al). 1996;4:339-45
Montandon D (*see* Garbin et al). 1996;4:244-51
Moriarty KP, Crombleholme TM, Gallivan EK, O'Donnell C. Hyaluronic acid-dependent pericellular matrices in fetal fibroblasts: implication for scar-free wound repair. 1996;4:346-52
Murphy RW (*see* Dixon et al). 1996;4:374-80
Mustoe TA (*see* Brucker et al). 1996;4:219-23
——(*see* Siddiqui et al). 1996;4:211-8

N

Nace JD (*see* Tassava et al). 1996;4:75-81 (Symposium)
Nakamura N, Horibe S, Maeda A, Toritsuka Y, Matsumoto N, Adachi E, Shino K, Ochi T. Progression of cellular repopulation and collagen synthesis in fresh-frozen allograft tendons. 1996;4:87-92 (Symposium)
Nakamura RM (*see* Abiko et al). 1996;4:363-7
Nakase T, Takaoka K, Sugimoto M, Hirota S, Sato M, Yoshikawa H, Nomura S. Expression of bone morphogenetic protein-4 mRNA during the process of bone formation in embryogenesis and fracture repair. 1996;4:82-6 (Symposium)
Nakazawa K (*see* Sahuc et al). 1996;4:93-102 (Symposium)
Naylor IL (*see* Kirkpatrick et al). 1996;4:326-34 (Historical article)
Nomura S (*see* Nakase et al). 1996;4:82-6 (Symposium)

O

Ochi T (*see* Nakamura et al). 1996;4:87-92 (Symposium)
O'Donnell C (*see* Moriarty et al). 1996;4:346-52
Ogawa Y (*see* Sato et al). 1996;4:103-14 (Symposium)
Olutoye OO, Cohen IK. Fetal wound healing: an overview. 1996;4:66-74 (Symposium)
——(*see* Alaish et al). 1996;4:477-81
Ono I (*see* Inoue et al). 1996;4:426-32
Ossoff RH (*see* Charous et al). 1996;4:444-53
Oxlund H (*see* Jørgensen and Oxlund). 1996;4:40-7

P

Papadakis MA, Hamon G, Stotts N, Tierney MJ, Spencer EM, Scheuenstuhl H, Hunt TK. Effect of growth hormone replacement on wound healing in healthy older men. 1996;4:421-5
Phillips LG (*see* Lyle et al). 1996;4:368-73
Pittet B (*see* Garbin et al). 1996;4:244-51
Pulfer SK (*see* Shabani et al). 1996;4:353-62

R

Raxworthy MJ (*see* Stephens et al). 1996;4:393-401
Reinisch L (*see* Charous et al). 1996;4:444-53
Richards SM (*see* Skrabut et al). 1996;4:433-43
Robson MC. A time to integrate the complete wound team: from bench to bedside and beyond. 1996;4:187-8 (Editorial)
——(*see* Lyle et al). 1996;4:368-73
Rodgers KE (*see* Abiko et al). 1996;4:363-7
Rojkind M (*see* Levenson et al). 1996;4:461-9
——(*see* Liu et al). 1996;4:470-6
Roseeuw DI, De Coninck A, Vanpée ES, Delaey BM, Verbeken GL, Draye J-PM. Healing of full-thickness wounds treated with lyophilized cultured keratinocyte cell lysate in genetically diabetic mice (1995;;3:500-5). 1996;4:303 (Correction)
Rubayi S (*see* Baker et al). 1996;4:21-8

S

Sahuc F, Nakazawa K, Berthod F, Collombel C, Damour O. Mesenchymal-epithelial interactions regulate gene expression of type VII collagen and kalinin in keratinocytes and dermal-epidermal junction formation in a skin equivalent model. 1996;4:93-102 (Symposium)
Salerud G (*see* Franzén et al). 1996;4:454-60
Samuels JA (*see* Skrabut et al). 1996;4:433-43
Sato H, Suzuki A, Funahashi M, Takezawa T, Ogawa Y, Yoshizato K. Characteristics of growth, morphology, and contractility, and protein expression of fibroblasts derived from keloid. 1996;4:103-14 (Symposium)
Sato M (*see* Nakase et al). 1996;4:82-6 (Symposium)
Scheuenstuhl H (*see* Papadakis et al). 1996;4:421-5
Schroeder M (*see* Sheffield et al). 1996;4:339-45
Schultz GS (*see* Macauley et al). 1996;4:269-77
——(*see* Mast and Schultz). 1996;4:411-20
——(*see* Tarnuzzer and Schultz). 1996;4:321-5 (Perspective)
Serini G, Gabbiani G. Modulation of α-smooth muscle actin expression in fibroblasts by transforming growth factor-β isoforms: an in vivo and in vitro study. 1996;4:278-87
Sessler DI (*see* Sheffield et al). 1996;4:339-45
Shabani M, Pulfer SK, Bulgrin JP, Smith DJ. Enhancement of wound repair with a topically applied nitric oxide–releasing polymer. 1996;4:353-62
Sheffield CW, Sessler DI, Hopf HW, Schroeder M, Moayeri A, Hunt TK, West JM. Centrally and locally mediated thermoregulatory responses alter subcutaneous oxygen tension. 1996;4:339-45
Sheng Z (*see* Fu et al). 1996;4:297-303
——(*see* Fu et al). 1996;4:381-5
Shino K (*see* Nakamura et al). 1996;4:87-92 (Symposium)
Siddiqui A, Galiano RD, Connors D, Gruskin E, Wu L, Mustoe TA. Differential effects of oxygen on human dermal fibroblasts: acute versus chronic hypoxia. 1996;4:211-8
——(*see* Brucker et al). 1996;4:219-23
Simmons DJ (*see* Lyle et al). 1996;4:368-73
Skrabut EM, Hebda PA, Samuels JA, Richards SM, Edmunds T, Cunneen MF, Vaccaro CA, McPherson JM. Removal of necrotic tissue with an ananain-based enzyme debriding preparation. 1996;4:433-43
Slade JB (*see* Smith et al). 1996;4:224-9
Smith BM, Desvigne LD, Slade JB, Dooley JW, Warren DC. Transcutaneous oxygen measurements predict healing of leg wounds with hyperbaric therapy. 1996;4:224-9
Smith DJ (*see* Shabani et al). 1996;4:353-62
Southerland SS (*see* Dixon et al). 1996;4:374-80
Sparrow EM (*see* Hansen et al). 1996;4:386-92
——(*see* Papadakis et al). 1996;4:421-5
Stacey MC (*see* Trengove et al). 1996;4:234-9
Steed DL, Edington HD, Webster MW. Recurrence rate of diabetic neurotrophic foot ulcers healed using topical application of growth factors released from platelets. 1996;4:230-3
Steinberg JJ (*see* Levenson et al). 1996;4:461-9
——(*see* Liu et al). 1996;4:470-6
Stephens P, Wood EJ, Raxworthy MJ. Development of a multilayered in vitro model for studying events associated with wound healing. 1996;4:393-401
Stocum DL. Tissue restoration: approaches and prospects. 1996;4:3-15 (Perspective)
Stotts N (*see* Papadakis et al). 1996;4:421-5
Strom BL (*see* Margolis et al). 1996;4:335-8
Sugimoto M (*see* Nakase et al). 1996;4:82-6 (Symposium)
Suzuki A (*see* Sato et al). 1996;4:103-14 (Symposium)

T

Takaoka K (*see* Nakase et al). 1996;4:82-6 (Symposium)
Takeno S, Hamamura N, Hirakawa K, Yajin K. Expression of proliferating cell nuclear antigen in cultured middle ear epithelial cells of the guinea pig. 1996;4:115-20 (Symposium)
Takezawa T (*see* Sato et al). 1996;4:103-14 (Symposium)
Tarnuzzer RW, Schultz GS. Biochemical analysis of acute and chronic wound environments. 1996;4:321-5 (Perspective)
Tarpila E (*see* Franzén et al). 1996;4:454-60
Tassava RA, Nace JD, Wei Y. Extracellular matrix protein turnover during salamander limb regeneration. 1996;4:75-81 (Symposium)
Tavera C (*see* Fournier et al). 1996;4:252-8
Tian H (*see* Fu et al). 1996;4:297-303
——(*see* Fu et al). 1996;4:381-5
Tierney MJ (*see* Papadakis et al). 1996;4:421-5
Toritsuka Y (*see* Nakamura et al). 1996;4:87-92 (Symposium)
Trengove NJ, Langton SR, Stacey MC. Biochemical analysis of wound fluid from nonhealing and healing chronic leg ulcers. 1996;4:234-9

V

Vaccaro CA (*see* Skrabut et al). 1996;4:433-43
Varricchio F (*see* Francillon et al). 1996;4:240-3
Villar F (*see* Baker et al). 1996;4:21-8

W

Wai YC (*see* Yannas et al). 1996;4:29-39
Warren DC (*see* Smith et al). 1996;4:224-9
Watford A (*see* Levenson et al). 1996;4:461-9
Webster MW (*see* Steed et al). 1996;4:230-3
Wei Y (*see* Tassava et al). 1996;4:75-81 (Symposium)
West JM (*see* Sheffield et al). 1996;4:339-45
Weston-Davies W (*see* Arnold et al). 1996;4:121-5 (Discussion article)
Wood EJ (*see* Stephens et al). 1996;4:393-401
Wu L (*see* Siddiqui et al). 1996;4:211-8

Y

Yager DR (*see* Alaish et al). 1996;4:477-81
Yajin K (*see* Takeno et al). 1996;4:115-20 (Symposium)
Yang TP (*see* Macauley et al). 1996;4:269-77
Yannas IV, Colt J, Wai YC. Wound contraction and scar synthesis during development of the amphibian Rana catesbeiana. 1996;4:29-39
Yoshikawa H (*see* Nakase et al). 1996;4:82-6 (Symposium)
Yoshizato K. 1996;4:1-2 (Editorial)
——(*see* Sato et al). 1996;4:103-14 (Symposium)
Young HE (*see* Dixon et al). 1996;4:374-80

Z

Zazanis GA (*see* Krause et al). 1996;4:53-7
Zhou L-J (*see* Inoue et al). 1996;4:426-32

Subject Index

A

Abstracts
Abstracts of the second joint meeting of The Wound Healing Society, The European Tissue Repair Society, The Japanese Society for Wound Healing, The Australian Wound Management Association and The Chinese Wound Healing Society. 1996;4:66-120

Acidic fibroblast growth factor; *see* **Fibroblast growth factor, acidic**

Actins
Actin fiber orientation in connective tissue contraction: a quantitative study with the perforated rat mesentery model (Franzén et al). 1996;4:454-60
Modulation of α-smooth muscle actin expression in fibroblasts by transforming growth factor-β isoforms: an in vivo and in vitro study (Serini and Gabbiani). 1996;4:278-87

Adhesions
Prevention of postoperative adhesions with the chitin derivative N-O-carboxymethylchitosan (Krause et al). 1996;4:53-7

Aged
Effect of growth hormone replacement on wound healing in healthy older men (Papadakis et al). 1996;4:421-5
Pressure ulcers in older persons: a preventive approach (Conlin Shaw). 1996;4:316-20 (Perspective)

Aging
Differential expression of platelet-derived growth factor receptor-β in an aging model of wound repair (Brucker et al). 1996;4:219-23
Skin changes with aging and disease (Jacobson and Flowers). 1996;4:311-5 (Perspective)

Ananain
Removal of necrotic tissue with an ananain-based enzyme debriding preparation (Skrabut et al). 1996;4:433-43

Anemia, sickle cell
Histochemical analysis of growth factor, fibronectin, and iron content of sickle cell leg ulcers (Francillon et al). 1996;4:240-3

Angiogenesis; *see* **Neovascularization**

Angiotensin II
Alterations of angiotensin II receptor levels in full-thickness excisional wounds in rat skin (Abiko et al). 1996;4:363-7

Anoxia
Differential effects of oxygen on human dermal fibroblasts: acute versus chronic hypoxia (Siddiqui et al). 1996;4:211-8

Antibodies
Effects of cytokines in burn blister fluids on fibroblast proliferation and their inhibition with the use of neutralizing antibodies (Inoue et al). 1996;4:426-32

Antigens
Expression of proliferating cell nuclear antigen in cultured middle ear epithelial cells of the guinea pig (Takeno et al). 1996;4:115-20 (Symposium)

Apoptosis; *see* **Cell death**

The Australian Wound Management Association
Abstracts. 1996;4:66-120

Awards
Differential effects of oxygen on human dermal fibroblasts: acute versus chronic hypoxia (Siddiqui et al). 1996;4:211-8
Differential expression of platelet-derived growth factor receptor-β in an aging model of wound repair (Brucker et al). 1996;4:219-23
Getting to mammalian wound repair and amphibian limb regeneration: a mechanistic link in the early events (Gross). 1996;4:190-202 (Award recipient address)

January-March, pp. 1-186; April-June, pp. 187-308; July-September, pp. 309-408; October-December, pp. 409-516.

B

Basic fibroblast growth factor; *see* **Fibroblast growth factor, basic**

Biochemistry
Biochemical analysis of acute and chronic wound environments (Tarnuzzer and Schultz). 1996;4:321-5 (Perspective)
Biochemical analysis of wound fluid from nonhealing and healing chronic leg ulcers (Trengove et al). 1996;4:234-9

Biomechanics
Growth hormone increases the biomechanical strength and collagen deposition rate during the early phase of skin wound healing (Jørgensen and Oxlund). 1996;4:40-7

Blister
Effects of cytokines in burn blister fluids on fibroblast proliferation and their inhibition with the use of neutralizing antibodies (Inoue et al). 1996;4:426-32

Blood gas monitoring, transcutaneous
Centrally and locally mediated thermoregulatory responses alter subcutaneous oxygen tension (Sheffield et al). 1996;4:339-45
Transcutaneous oxygen measurements predict healing of leg wounds with hyperbaric therapy (Smith et al). 1996;4:224-9

Blood vessels, cytology
Covering by a flap induces apoptosis of granulation tissue myofibroblasts and vascular cells (Garbin et al). 1996;4:244-51

Body temperature regulation
Centrally and locally mediated thermoregulatory responses alter subcutaneous oxygen tension (Sheffield et al). 1996;4:339-45

Bone
Negatively charged beads and transforming growth factor-β1 stimulate bone repair in rabbits (Lyle et al). 1996;4:368-73

Bone morphogenetic proteins
Expression of bone morphogenetic protein-4 mRNA during the process of bone formation in embryogenesis and fracture repair (Nakase et al). 1996;4:82-6 (Symposium)
Recombinant human bone morphogenetic proteins-2 and -4 induce several mesenchymal phenotypes in culture (Dixon et al). 1996;4:374-80

Burns
Effects of cytokines in burn blister fluids on fibroblast proliferation and their inhibition with the use of neutralizing antibodies (Inoue et al). 1996;4:426-32

C

Cell death
Covering by a flap induces apoptosis of granulation tissue myofibroblasts and vascular cells (Garbin et al). 1996;4:244-51

Cell wall
Wound healig I: accelerating effects of nonviable *Staphylococcus aureus*, its cell wall, and cell wall peptidoglycan (Levenson et al). 1996;4:461-9

Cells, growth and development
Progression of cellular repopulation and collagen synthesis in fresh-frozen allograft tendons (Nakamura et al). 1996;4:87-92 (Symposium)

The Chinese Wound Healing Society
Abstracts. 1996;4:66-120

Chitosan
Analysis of the effects of chitosan on inflammation, angiogenesis, fibroplasia, and collagen deposition in polyvinyl alcohol sponge implants in rat wounds (Diegelmann et al). 1996;4:48-52
Prevention of postoperative adhesions with the chitin derivative N-O-carboxymethylchitosan (Krause et al). 1996;4:53-7

Cicatrix
Hyaluronic acid-dependent pericellular matrices in fetal fibroblasts: implication for scar-free wound repair (Moriarty et al). 1996;4:346-52
Inhibition of tissue transglutaminase and ε (γ-glutamyl) lysine cross-linking in human hypertrophic scar (Dolynchuk). 1996;4:16-20
Regulation of wound healing from a connective tissue perspective (Ehrlich and Krummel). 1996;4:203-10 (Perspective)
Wound contraction and scar synthesis during development of the amphibian Rana catesbeiana (Yannas et al). 1996;4:29-39

Collagen
Analysis of the effects of chitosan on inflammation, angiogenesis, fibroplasia, and collagen deposition in polyvinyl alcohol sponge implants in rat wounds (Diegelmann et al). 1996;4:48-52
Development of a multilayered in vitro model for studying events associated with wound healing (Stephens et al). 1996;4:393-401
Growth hormone increases the biomechanical strength and collagen deposition rate during the early phase of skin wound healing (Jørgensen and Oxlund). 1996;4:40-7
Mesenchymal-epithelial interactions regulate gene expression of type VII collagen and kalinin in keratinocytes and dermal-epidermal junction formation in a skin equivalent model (Sahuc et al). 1996;4:93-102 (Symposium)
Progression of cellular repopulation and collagen synthesis in fresh-frozen allograft tendons (Nakamura et al). 1996;4:87-92 (Symposium)
Regulation of wound healing from a connective tissue perspective (Ehrlich and Krummel). 1996;4:203-10 (Perspective)
A simple method to assess the relative amount of col-

lagen deposition in wounded fetal mouse limbs (Houghton et al). 1996;4:489-95

Color image analysis
Assessing wound severity with color and infrared imaging of reactive hyperemia (Hansen et al). 1996;4:386-92

Confidentiality
How confidential is your review? (Lindblad). 1996;4:409-10 (Editorial)

Connective tissue
Actin fiber orientation in connective tissue contraction: a quantitative study with the perforated rat mesentery model (Franzén et al). 1996;4:454-60
Regulation of wound healing from a connective tissue perspective (Ehrlich and Krummel). 1996;4:203-10 (Perspective)

Contracture
Actin fiber orientation in connective tissue contraction: a quantitative study with the perforated rat mesentery model (Franzén et al). 1996;4:454-60
Fetal wound healing: an overview (Olutoye and Cohen). 1996;4:66-74 (Symposium)
Regulation of wound healing from a connective tissue perspective (Ehrlich and Krummel). 1996;4:203-10 (Perspective)
Wound contraction and scar synthesis during development of the amphibian Rana catesbeiana (Yannas et al). 1996;4:29-39

Correction
Healing of full-thickness wounds treated with lyophilized cultured keratinocyte cell lysate in genetically diabetic mice (Roseeuw et al) (1995;3:500-5). 1996;4:303

Cytokines
Biochemical analysis of acute and chronic wound environments (Tarnuzzer and Schultz). 1996;4:321-5 (Perspective)
Effects of cytokines in burn blister fluids on fibroblast proliferation and their inhibition with the use of neutralizing antibodies (Inoue et al). 1996;4:426-32
Interactions of cytokines, growth factors and proteases in acute and chronic wounds (Mast and Schultz). 1996;4:411-20

D

Debridement; *see* **Wound debridement**

Decubitus ulcer
Effect of electrical stimulation waveform on healing of ulcers in human being with spinal cord injury (Baker et al). 1996;4:21-8
Pressure ulcers in older persons: a preventive approach (Conlin Shaw). 1996;4:316-20 (Perspective)

Dexamethasone
Inhibition of wound closure by transforming growth factor-β and dexamethasone in a fetal mouse limb organ culture model (Ehrlich et al). 1996;4:482-8

Diabetes
Recurrence rate of diabetic neurotrophic foot ulcers healed using topical application of growth factors released from platelets (Steed et al). 1996;4:230-3

Discussion article
Wound pharmacology: a report from the wound pharmacology forum (Arnold et al). 1996;4:121-5

Drug therapy
Wound pharmacology: a report from the wound pharmacology forum (Arnold et al). 1996;4:121-5 (Discussion article)

E

Ear, middle
Expression of proliferating cell nuclear antigen in cultured middle ear epithelial cells of the guinea pig (Takeno et al). 1996;4:115-20 (Symposium)

Editorials
Editorials. 1996;4:1-2, 187-9, 309, 409-10
How confidential is your review? (Lindblad). 1996;4:409-10
A time to integrate the complete wound team: from bench to bedside and beyond (Robson). 1996;4:187-8

Elderly; *see* **Aged**

Electric stimulation
Effect of electrical stimulation waveform on healing of ulcers in human being with spinal cord injury (Baker et al). 1996;4:21-8

Embryo
Expression of bone morphogenetic protein-4 mRNA during the process of bone formation in embryogenesis and fracture repair (Nakase et al). 1996;4:82-6 (Symposium)

Enzymes
Removal of necrotic tissue with an ananain-based enzyme debriding preparation (Skrabut et al). 1996;4:433-43

Epithelium
Expression of proliferating cell nuclear antigen in cultured middle ear epithelial cells of the guinea pig (Takeno et al). 1996;4:115-20 (Symposium)
Mesenchymal-epithelial interactions regulate gene expression of type VII collagen and kalinin in keratinocytes and dermal-epidermal junction formation in a skin equivalent model (Sahuc et al). 1996;4:93-102 (Symposium)
Transforming growth factor type e is a novel mediator of wound repair (Carter and Halper). 1996;4:259-68

The European Tissue Repair Society
Abstracts. 1996;4:66-120
Wound pharmacology: a report from the wound pharmacology forum (Arnold et al). 1996;4:121-5 (Discussion article)

Extracellular matrix proteins
Biochemical analysis of acute and chronic wound environments (Tarnuzzer and Schultz). 1996;4:321-5 (Perspective)

Effects of transforming growth factor-β1 on extracellular matrix gene expression by human fibroblasts from a laryngeal stenotic lesion (Macauley et al). 1996;4:269-77

Extracellular matrix protein turnover during salamander limb regeneration (Tassava et al). 1996;4:75-81 (Symposium)

F

Fabry, Wilhelm

Back to the future for wound care? The influences of Padua on wound management in Renaissance Europe (Kirkpatrick et al). 1996;4:326-34 (Historical article)

Fetus

Expression of bone morphogenetic protein-4 mRNA during the process of bone formation in embryogenesis and fracture repair (Nakase et al). 1996;4:82-6 (Symposium)

Fetal wound healing: an overview (Olutoye and Cohen). 1996;4:66-74 (Symposium)

Hyaluronic acid-dependent pericellular matrices in fetal fibroblasts: implication for scar-free wound repair (Moriarty et al). 1996;4:346-52

Inhibition of wound closure by transforming growth factor-β and dexamethasone in a fetal mouse limb organ culture model (Ehrlich et al). 1996;4:482-8

A simple method to assess the relative amount of collagen deposition in wounded fetal mouse limbs (Houghton et al). 1996;4:489-95

Tissue restoration: approaches and prospects (Stocum). 1996;4:3-15 (Perspective)

Transforming growth factor-β1 reduces expansion of open wounds in the fetal rabbit (Alaish et al). 1996;4:477-81

Fibroblast growth factor, acidic

Acidic fibroblast growth factor reduces renal morphologic and functional indicators of injury caused by ischemia and reperfusion (Fu et al). 1996;4:297-303

Fibroblast growth factor, basic

Ischemia and reperfusion reduce the endogenous basic fibroblast growth factor in rat skeletal muscles: an immunohistochemical study (Fu et al). 1996;4:381-5

Fibroblasts

Characteristics of growth, morphology, and contractility, and protein expression of fibroblasts derived from keloid (Sato et al). 1996;4:103-14 (Symposium)

Development of a multilayered in vitro model for studying events associated with wound healing (Stephens et al). 1996;4:393-401

Differential effects of oxygen on human dermal fibroblasts: acute versus chronic hypoxia (Siddiqui et al). 1996;4:211-8

Differential expression of platelet-derived growth factor receptors in porcine fibroblasts cultured from skin and granulation tissue (Ågren et al). 1996;4:288-96

Effects of cytokines in burn blister fluids on fibroblast proliferation and their inhibition with the use of neutralizing antibodies (Inoue et al). 1996;4:426-32

Effects of transforming growth factor-â1 on extracellular matrix gene expression by human fibroblasts from a laryngeal stenotic lesion (Macauley et al). 1996;4:269-77

Hyaluronic acid-dependent pericellular matrices in fetal fibroblasts: implication for scar-free wound repair (Moriarty et al). 1996;4:346-52

Modulation of α-smooth muscle actin expression in fibroblasts by transforming growth factor-β isoforms: an in vivo and in vitro study (Serini and Gabbiani). 1996;4:278-87

Transforming growth factor type e is a novel mediator of wound repair (Carter and Halper). 1996;4:259-68

Transforming growth factor-β1 reduces expansion of open wounds in the fetal rabbit (Alaish et al). 1996;4:477-81

Fibronectin

Histochemical analysis of growth factor, fibronectin, and iron content of sickle cell leg ulcers (Francillon et al). 1996;4:240-3

Fibroplasia

Analysis of the effects of chitosan on inflammation, angiogenesis, fibroplasia, and collagen deposition in polyvinyl alcohol sponge implants in rat wounds (Diegelmann et al). 1996;4:48-52

Fibrosis

Canine subglottic stenosis as a model for excessive fibrosis: a pilot histologic and immunohistochemical analysis (Charous et al). 1996;4:444-53

Flaps; *see* **Surgical flaps**

Foot

Recurrence rate of diabetic neurotrophic foot ulcers healed using topical application of growth factors released from platelets (Steed et al). 1996;4:230-3

Fractures

Expression of bone morphogenetic protein-4 mRNA during the process of bone formation in embryogenesis and fracture repair (Nakase et al). 1996;4:82-6 (Symposium)

G

Gamma-glutamyl lysine

Inhibition of tissue transglutaminase and ε (γ-glutamyl) lysine cross-linking in human hypertrophic scar (Dolynchuk). 1996;4:16-20

Gene expression

Effects of transforming growth factor-β1 on extracellular matrix gene expression by human fibroblasts from a laryngeal stenotic lesion (Macauley et al). 1996;4:269-77

Mesenchymal-epithelial interactions regulate gene expression of type VII collagen and kalinin in keratinocytes and dermal-epidermal junction formation

in a skin equivalent model (Sahuc et al). 1996;4:93-102 (Symposium)

Glottis
Canine subglottic stenosis as a model for excessive fibrosis: a pilot histologic and immunohistochemical analysis (Charous et al). 1996;4:444-53

Granulation tissue
Covering by a flap induces apoptosis of granulation tissue myofibroblasts and vascular cells (Garbin et al). 1996;4:244-51
Differential expression of platelet-derived growth factor receptors in porcine fibroblasts cultured from skin and granulation tissue (Ågren et al). 1996;4:288-96

Growth hormone
Effect of growth hormone replacement on wound healing in healthy older men (Papadakis et al). 1996;4:421-5
Growth hormone increases the biomechanical strength and collagen deposition rate during the early phase of skin wound healing (Jørgensen and Oxlund). 1996;4:40-7

Growth substances
Biochemical analysis of acute and chronic wound environments (Tarnuzzer and Schultz). 1996;4:321-5 (Perspective)
Effect of growth factors on the characteristics of cells associated with equine wound healing and sarcoid formation (Cochrane et al). 1996;4:58-65
Histochemical analysis of growth factor, fibronectin, and iron content of sickle cell leg ulcers (Francillon et al). 1996;4:240-3
Interactions of cytokines, growth factors and proteases in acute and chronic wounds (Mast and Schultz). 1996;4:411-20
Recurrence rate of diabetic neurotrophic foot ulcers healed using topical application of growth factors released from platelets (Steed et al). 1996;4:230-3

H

Historical article
Back to the future for wound care? The influences of Padua on wound management in Renaissance Europe (Kirkpatrick et al). 1996;4:326-34

Hyaluronic acid
Hyaluronic acid-dependent pericellular matrices in fetal fibroblasts: implication for scar-free wound repair (Moriarty et al). 1996;4:346-52

Hyperbaric oxygenation
Transcutaneous oxygen measurements predict healing of leg wounds with hyperbaric therapy (Smith et al). 1996;4:224-9

Hyperemia
Assessing wound severity with color and infrared imaging of reactive hyperemia (Hansen et al). 1996;4:386-92

Hypertrophy
Inhibition of tissue transglutaminase and ε (γ-glutamyl) lysine cross-linking in human hypertrophic scar (Dolynchuk). 1996;4:16-20

Hypoxia; *see* **Anoxia**

I

Immunohistochemistry
Canine subglottic stenosis as a model for excessive fibrosis: a pilot histologic and immunohistochemical analysis (Charous et al). 1996;4:444-53
Ischemia and reperfusion reduce the endogenous basic fibroblast growth factor in rat skeletal muscles: an immunohistochemical study (Fu et al). 1996;4:381-5

Implants, artificial
Analysis of the effects of chitosan on inflammation, angiogenesis, fibroplasia, and collagen deposition in polyvinyl alcohol sponge implants in rat wounds (Diegelmann et al). 1996;4:48-52

In vitro model
Development of a multilayered in vitro model for studying events associated with wound healing (Stephens et al). 1996;4:393-401

Infant, newborn
Fetal wound healing: an overview (Olutoye and Cohen). 1996;4:66-74 (Symposium)

Inflammation
Analysis of the effects of chitosan on inflammation, angiogenesis, fibroplasia, and collagen deposition in polyvinyl alcohol sponge implants in rat wounds (Diegelmann et al). 1996;4:48-52

Infrared imaging
Assessing wound severity with color and infrared imaging of reactive hyperemia (Hansen et al). 1996;4:386-92

Insulin-like growth factor
Local induction of an insulin-like growth factor binding protein-3 degrading protease activity in the course of wound healing (Fournier et al). 1996;4:252-8

Integration of wound team
A time to integrate the complete wound team: from bench to bedside and beyond (Robson). 1996;4:187-8 (Editorial)

Interobserver agreement; *see* **Observer variation**

Iron
Histochemical analysis of growth factor, fibronectin, and iron content of sickle cell leg ulcers (Francillon et al). 1996;4:240-3

Ischemia
Acidic fibroblast growth factor reduces renal morphologic and functional indicators of injury caused by ischemia and reperfusion (Fu et al). 1996;4:297-303
Ischemia and reperfusion reduce the endogenous basic fibroblast growth factor in rat skeletal muscles: an immunohistochemical study (Fu et al). 1996;4:381-5

J

The Japanese Society for Wound Healing
Abstracts. 1996;4:66-120

K

Kalinin
Mesenchymal-epithelial interactions regulate gene expression of type VII collagen and kalinin in keratinocytes and dermal-epidermal junction formation in a skin equivalent model (Sahuc et al). 1996;4:93-102 (Symposium)

Keloid
Characteristics of growth, morphology, and contractility, and protein expression of fibroblasts derived from keloid (Sato et al). 1996;4:103-14 (Symposium)

Keratinocytes
Mesenchymal-epithelial interactions regulate gene expression of type VII collagen and kalinin in keratinocytes and dermal-epidermal junction formation in a skin equivalent model (Sahuc et al). 1996;4:93-102 (Symposium)

Kidney
Acidic fibroblast growth factor reduces renal morphologic and functional indicators of injury caused by ischemia and reperfusion (Fu et al). 1996;4:297-303

L

Laryngeal diseases
Effects of transforming growth factor-β1 on extracellular matrix gene expression by human fibroblasts from a laryngeal stenotic lesion (Macauley et al). 1996;4:269-77

Leg
Biochemical analysis of wound fluid from nonhealing and healing chronic leg ulcers (Trengove et al). 1996;4:234-9
Histochemical analysis of growth factor, fibronectin, and iron content of sickle cell leg ulcers (Francillon et al). 1996;4:240-3
Transcutaneous oxygen measurements predict healing of leg wounds with hyperbaric therapy (Smith et al). 1996;4:224-9

Lifetime Achievement Award
Getting to mammalian wound repair and amphibian limb regeneration: a mechanistic link in the early events (Gross). 1996;4:190-202 (Award recipient address)

Limb regeneration
Extracellular matrix protein turnover during salamander limb regeneration (Tassava et al). 1996;4:75-81 (Symposium)
Getting to mammalian wound repair and amphibian limb regeneration: a mechanistic link in the early events (Gross). 1996;4:190-202 (Award recipient address)

M

Manuscripts
How confidential is your review? (Lindblad). 1996;4:409-10 (Editorial)

Mesenchyma
Mesenchymal-epithelial interactions regulate gene expression of type VII collagen and kalinin in keratinocytes and dermal-epidermal junction formation in a skin equivalent model (Sahuc et al). 1996;4:93-102 (Symposium)
Recombinant human bone morphogenetic proteins-2 and -4 induce several mesenchymal phenotypes in culture (Dixon et al). 1996;4:374-80

Mesentery
Actin fiber orientation in connective tissue contraction: a quantitative study with the perforated rat mesentery model (Franzén et al). 1996;4:454-60

Middle ear; *see* **Ear, middle**

Models
Actin fiber orientation in connective tissue contraction: a quantitative study with the perforated rat mesentery model (Franzén et al). 1996;4:454-60
Canine subglottic stenosis as a model for excessive fibrosis: a pilot histologic and immunohistochemical analysis (Charous et al). 1996;4:444-53
Development of a multilayered in vitro model for studying events associated with wound healing (Stephens et al). 1996;4:393-401
Differential expression of platelet-derived growth factor receptor-β in an aging model of wound repair (Brucker et al). 1996;4:219-23
Inhibition of wound closure by transforming growth factor-β and dexamethasone in a fetal mouse limb organ culture model (Ehrlich et al). 1996;4:482-8
Mesenchymal-epithelial interactions regulate gene expression of type VII collagen and kalinin in keratinocytes and dermal-epidermal junction formation in a skin equivalent model (Sahuc et al). 1996;4:93-102 (Symposium)

Morphogenesis
Expression of bone morphogenetic protein-4 mRNA during the process of bone formation in embryogenesis and fracture repair (Nakase et al). 1996;4:82-6 (Symposium)
Recombinant human bone morphogenetic proteins-2 and -4 induce several mesenchymal phenotypes in culture (Dixon et al). 1996;4:374-80

mRNA; *see* **RNA, messenger**

Muscle
Ischemia and reperfusion reduce the endogenous basic fibroblast growth factor in rat skeletal muscles: an immunohistochemical study (Fu et al). 1996;4:381-5

Muscle, smooth
Modulation of α-smooth muscle actin expression in fibroblasts by transforming growth factor-β isoforms:

an in vivo and in vitro study (Serini and Gabbiani). 1996;4:278-87

Myofibroblasts
Covering by a flap induces apoptosis of granulation tissue myofibroblasts and vascular cells (Garbin et al). 1996;4:244-51

N

Necrosis
Removal of necrotic tissue with an ananain-based enzyme debriding preparation (Skrabut et al). 1996;4: 433-43

Negatively charged beads
Negatively charged beads and transforming growth factor-β1 stimulate bone repair in rabbits (Lyle et al). 1996;4:368-73

Neovascularization
Analysis of the effects of chitosan on inflammation, angiogenesis, fibroplasia, and collagen deposition in polyvinyl alcohol sponge implants in rat wounds (Diegelmann et al). 1996;4:48-52

Neutralizing antibodies; *see* **Antibodies**

Nitric oxide
Enhancement of wound repair with a topically applied nitric oxide–releasing polymer (Shabani et al). 1996; 4:353-62

N-O-carboxymethylchitosan; *see* **Chitosan**

Nuclear antigens; *see* **Antigens**

O

Observer variation
Interobserver agreement, sensitivity, and specificity of a "healed" chronic wound (Margolis et al). 1996;4: 335-8

Oxygen
Centrally and locally mediated thermoregulatory responses alter subcutaneous oxygen tension (Sheffield et al). 1996;4:339-45
Differential effects of oxygen on human dermal fibroblasts: acute versus chronic hypoxia (Siddiqui et al). 1996;4:211-8
Transcutaneous oxygen measurements predict healing of leg wounds with hyperbaric therapy (Smith et al). 1996;4:224-9

P

Padua, medical school of
Back to the future for wound care? The influences of Padua on wound management in Renaissance Europe (Kirkpatrick et al). 1996;4:326-34 (Historical article)

Peer review
How confidential is your review? (Lindblad). 1996;4: 409-10 (Editorial)

Peptidoglycan
Molecular mechanisms underlying wound healing acceleration by *Staphylococcus aureus* peptidoglycan (Liu et al). 1996;4:470-6
Wound healig I: accelerating effects of nonviable *Staphylococcus aureus*, its cell wall, and cell wall peptidoglycan (Levenson et al). 1996;4:461-9

Perspective articles
Biochemical analysis of acute and chronic wound environments (Tarnuzzer and Schultz). 1996;4:321-5
Pressure ulcers in older persons: a preventive approach (Conlin Shaw). 1996;4:316-20
Regulation of wound healing from a connective tissue perspective (Ehrlich and Krummel). 1996;4:203-10
Skin changes with aging and disease (Jacobson and Flowers). 1996;4:311-5
Tissue restoration: approaches and prospects (Stocum). 1996;4:3-15

Pharmacology
Wound pharmacology: a report from the wound pharmacology forum (Arnold et al). 1996;4:121-5 (Discussion article)

Platelet-derived growth factor
Differential expression of platelet-derived growth factor receptor-β in an aging model of wound repair (Brucker et al). 1996;4:219-23
Differential expression of platelet-derived growth factor receptors in porcine fibroblasts cultured from skin and granulation tissue (Ågren et al). 1996;4:288-96

Polyethyleneimine cellulose NONOate polymer
Enhancement of wound repair with a topically applied nitric oxide–releasing polymer (Shabani et al). 1996; 4:353-62

Polyvinyl alcohol sponge implants; *see* **Implants, artificial**

Progenitor cells; *see* **Stem cells**

Proliferating cell nuclear antigens; *see* **Antigens**

Proteases
Interactions of cytokines, growth factors and proteases in acute and chronic wounds (Mast and Schultz). 1996;4:411-20
Local induction of an insulin-like growth factor binding protein-3 degrading protease activity in the course of wound healing (Fournier et al). 1996;4: 252-8

Protein-glutamine gamma-glutamyltransferase
Inhibition of tissue transglutaminase and ε (γ-glutamyl) lysine cross-linking in human hypertrophic scar (Dolynchuk). 1996;4:16-20

Proteins
Characteristics of growth, morphology, and contractility, and protein expression of fibroblasts derived from keloid (Sato et al). 1996;4:103-14 (Symposium)

R

Receptors, angiotensin
Alterations of angiotensin II receptor levels in full-thickness excisional wounds in rat skin (Abiko et al). 1996;4:363-7

Receptors, platelet-derived growth factor
Differential expression of platelet-derived growth factor receptor-β in an aging model of wound repair (Brucker et al). 1996;4:219-23
Renaissance
Back to the future for wound care? The influences of Padua on wound management in Renaissance Europe (Kirkpatrick et al). 1996;4:326-34 (Historical article)
Reperfusion
Acidic fibroblast growth factor reduces renal morphologic and functional indicators of injury caused by ischemia and reperfusion (Fu et al). 1996;4:297-303
Ischemia and reperfusion reduce the endogenous basic fibroblast growth factor in rat skeletal muscles: an immunohistochemical study (Fu et al). 1996;4:381-5
Reviewers
How confidential is your review? (Lindblad). 1996;4:409-10 (Editorial)
RNA, messenger
Differential expression of platelet-derived growth factor receptor-β in an aging model of wound repair (Brucker et al). 1996;4:219-23
Expression of bone morphogenetic protein-4 mRNA during the process of bone formation in embryogenesis and fracture repair (Nakase et al). 1996;4:82-6 (Symposium)

S

Sarcoids
Effect of growth factors on the characteristics of cells associated with equine wound healing and sarcoid formation (Cochrane et al). 1996;4:58-65
Scar; *see* **Cicatrix**
Sensitivity and specificity
Interobserver agreement, sensitivity, and specificity of a "healed" chronic wound (Margolis et al). 1996;4:335-8
Sickle cell anemia; *see* **Anemia, sickle cell**
Skin
Alterations of angiotensin II receptor levels in full-thickness excisional wounds in rat skin (Abiko et al). 1996;4:363-7
Differential effects of oxygen on human dermal fibroblasts: acute versus chronic hypoxia (Siddiqui et al). 1996;4:211-8
Differential expression of platelet-derived growth factor receptors in porcine fibroblasts cultured from skin and granulation tissue (Ågren et al). 1996;4:288-96
Growth hormone increases the biomechanical strength and collagen deposition rate during the early phase of skin wound healing (Jørgensen and Oxlund). 1996;4:40-7
Mesenchymal-epithelial interactions regulate gene expression of type VII collagen and kalinin in keratinocytes and dermal-epidermal junction formation in a skin equivalent model (Sahuc et al). 1996;4:93-102 (Symposium)
Skin changes with aging and disease (Jacobson and Flowers). 1996;4:311-5 (Perspective)
Smooth muscle; *see* **Muscle, smooth**
Spinal cord injuries
Effect of electrical stimulation waveform on healing of ulcers in human being with spinal cord injury (Baker et al). 1996;4:21-8
Staphylococcus aureus
Molecular mechanisms underlying wound healing acceleration by *Staphylococcus aureus* peptidoglycan (Liu et al). 1996;4:470-6
Wound healig I: accelerating effects of nonviable *Staphylococcus aureus*, its cell wall, and cell wall peptidoglycan (Levenson et al). 1996;4:461-9
Stem cells
Tissue restoration: approaches and prospects (Stocum). 1996;4:3-15 (Perspective)
Subglottic stenosis
Canine subglottic stenosis as a model for excessive fibrosis: a pilot histologic and immunohistochemical analysis (Charous et al). 1996;4:444-53
Surgical flaps
Covering by a flap induces apoptosis of granulation tissue myofibroblasts and vascular cells (Garbin et al). 1996;4:244-51

T

Team work
A time to integrate the complete wound team: from bench to bedside and beyond (Robson). 1996;4:187-8 (Editorial)
Tendons
Progression of cellular repopulation and collagen synthesis in fresh-frozen allograft tendons (Nakamura et al). 1996;4:87-92 (Symposium)
Thermoregulation; *see* **Body temperature regulation**
Tissue regeneration
Extracellular matrix protein turnover during salamander limb regeneration (Tassava et al). 1996;4:75-81 (Symposium)
Getting to mammalian wound repair and amphibian limb regeneration: a mechanistic link in the early events (Gross). 1996;4:190-202 (Award recipient address)
Tissue restoration: approaches and prospects (Stocum). 1996;4:3-15 (Perspective)
Tissue substitutes
Tissue restoration: approaches and prospects (Stocum). 1996;4:3-15 (Perspective)
Transcutaneous oxygen monitoring; *see* **Blood gas monitoring, transcutaneous**
Transforming growth factors
Effects of transforming growth factor-β1 on extracel-

lular matrix gene expression by human fibroblasts from a laryngeal stenotic lesion (Macauley et al). 1996;4:269-77

Inhibition of wound closure by transforming growth factor-β and dexamethasone in a fetal mouse limb organ culture model (Ehrlich et al). 1996;4:482-8

Modulation of α-smooth muscle actin expression in fibroblasts by transforming growth factor-β isoforms: an in vivo and in vitro study (Serini and Gabbiani). 1996;4:278-87

Negatively charged beads and transforming growth factor-β1 stimulate bone repair in rabbits (Lyle et al). 1996;4:368-73

Transforming growth factor type e is a novel mediator of wound repair (Carter and Halper). 1996;4:259-68

Transforming growth factor-β1 reduces expansion of open wounds in the fetal rabbit (Alaish et al). 1996;4:477-81

Transglutaminase; *see* **Protein-glutamine gamma-glutamyltransferase**

U

Ulcer

Biochemical analysis of wound fluid from nonhealing and healing chronic leg ulcers (Trengove et al). 1996;4:234-9

Effect of electrical stimulation waveform on healing of ulcers in human being with spinal cord injury (Baker et al). 1996;4:21-8

Histochemical analysis of growth factor, fibronectin, and iron content of sickle cell leg ulcers (Francillon et al). 1996;4:240-3

Pressure ulcers in older persons: a preventive approach (Conlin Shaw). 1996;4:316-20 (Perspective)

Recurrence rate of diabetic neurotrophic foot ulcers healed using topical application of growth factors released from platelets (Steed et al). 1996;4:230-3

V

Vascular cells; *see* **Blood vessels, cytology**

W

Wound contraction; *see* **Contracture**

Wound debridement

Removal of necrotic tissue with an ananain-based enzyme debriding preparation (Skrabut et al). 1996;4:433-43

Wound fluid

Biochemical analysis of wound fluid from nonhealing and healing chronic leg ulcers (Trengove et al). 1996;4:234-9

Effects of cytokines in burn blister fluids on fibroblast proliferation and their inhibition with the use of neutralizing antibodies (Inoue et al). 1996;4:426-32

The Wound Healing Society

Abstracts. 1996;4:66-120

Y

Yoshizato MorphoMatrix Symposium

Yoshizato MorphoMatrix Symposium. 1996;4:66-120

Young investigator award

Differential effects of oxygen on human dermal fibroblasts: acute versus chronic hypoxia (Siddiqui et al). 1996;4:211-8

Differential expression of platelet-derived growth factor receptor-β in an aging model of wound repair (Brucker et al). 1996;4:219-23